

## CLAIMS

1. A weighing device, comprising:

a weighing member for weighing an object while moving; and

5 a power supply mechanism comprising a fixed section, a movable section movable in accordance with the movement of the weighing member, a primary coil provided on the fixed section, and a secondary coil provided on the movable section and facing the primary coil, the power supply mechanism supplying power to the primary coil, retrieving an induced electromotive force from the secondary coil, and supplying power  
10 to the weighing member.

2. A weighing device according to claim 1, comprising a plurality of weighing members, wherein the power supply mechanism divides and supplies power to the plurality of weighing members.

15 3. A weighing device according to claim 1 or 2, wherein the power supply mechanism further comprises a rectification circuit and a smoothing circuit provided on a power supply path from the secondary coil to the weighing member.

20 4. A weighing device according to any one of claims 1 through 3, wherein power is supplied only from the power supply mechanism, and the weighing device does not include a charger.

25 5. A weighing device according to any one of claims 1 through 4, wherein the secondary coil spins in accordance with the movement of the weighing member but does not move in a direction that intersects with the rotational axis of the spinning.

6. A weighing device according to any one of claims 1 through 5, wherein the

weighing member moves along a circulating trajectory.

7. A weighing device according to any one of claims 1 through 6, wherein the weighing member weighs a container containing an object while moving together therewith.

8. A weighing device according to any one of claims 1 through 7, wherein the weighing member outputs weight data wirelessly.

9. A weighing device according to any one of claims 1 through 8, wherein the weighing member ships in and ships out the container containing the object while moving the container.

10. A weighing device according to any one of claims 1 through 9, further comprising a storage section for storing a weight result of the weighing member in association with a container containing an object.